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*Mortality amongst Selected Lives in Germany.*

THE extension of the relations of the Assurance Companies of Great Britain with those of foreign countries, makes it appear desirable to bring forward such observations and tables as we can collect, which have any recognized value or authority abroad. The table which we now present to our readers has obtained considerable repute in Germany, and is used as the foundation both of annuity and assurance values. It is referred to by Masius in his *Lehre der Versicherung*, published in 1846, and given at length in his very useful periodical on assurance subjects, entitled *Allgemeine Versicherungs-Zeitung*, for 1847. The table was prepared by Herr Rechnungsrath Brune, in Berlin, and first published by him in 1837. Even at that time the observations embraced a long period, being carried over 58 years (from 1776 to 1834), and a large mass of facts, comprising no less than 31,500 marriages. The data so collected throw a considerable light on the duration of German life. They represent what is equivalent to the selected lives of Assurance Companies in this country, for the male lives were required to undergo a strict examination as to their state of health. They are the first German tables which can be considered to lay claim to close accuracy in the facts observed, and the Brunswick Annuity Company have chosen them, with some slight alterations, for the basis of their Tables of Rates. The most suitable tables with which to compare them will evidently be the Tables of the Experience of the Equitable Society, and Finlaison's Government Annuity Tables; and we append here a short table, showing the mean duration of life by these observations respectively.

Age.	Brune's Table.		Finlaison's Govern- ment Annuities.		Equitable experience.
	Male.	Female.	Male.	Female.	Male.
21	39·5	38·6	37·8	43·4	41·0
30	32·7	33·6	33·2	37·6	34·5
40	25·4	27·2	27·0	31·1	27·4
50	18·6	20·2	20·3	24·4	20·4
60	12·4	13·6	14·4	17·3	13·9
70	7·6	8·2	9·2	11·0	8·7
80	4·3	4·9	4·9	6·5	4·8
90	1·4	2·8	1·9	2·8	2·5

It will be observed that the male lives by Brune's tables show a considerable difference less in the mean duration of life when compared with the English tables, and the female lives a still greater difference at all ages.

In the publication, in the latter work of Herr Masius, to which we have referred, the former observations, both of male and female lives, are brought down by Herr Brune to 1845, being a further period of 11 years.

*I. Table of Mortality (Male Lives) according to the Experience of the Prussian Widows' Annuity Society for 69 Years, from 1776 to 1845.*

Age.	Living at the beginning of the year.	In the course of the year.		Table of Mortality deduced therefrom.			
		With-drawn.	Died.	Living.	Died.	Probability of dying in a year.	Expectation of Life.
21	39	..	1	9,260	58	·00626	39·50
22	115	2	1	9,202	58	·00630	38·75
23	294	3	4	9,144	59	·00645	38·00
24	696	16	7	9,085	60	·00660	37·14
25	1,498	27	4	9,025	61	·00676	36·49
26	2,674	45	21	8,964	61	·00680	35·73
27	4,340	67	27	8,903	61	·00685	34·97
28	6,246	109	31	8,842	62	·00701	34·21
29	8,398	125	81	8,780	63	·00717	33·45
30	10,561	180	67	8,717	64	·00735	32·69
31	12,657	180	81	8,653	66	·00763	31·93
32	14,674	213	134	8,587	69	·00803	31·17
33	16,451	244	140	8,518	73	·00857	30·42
34	17,958	257	167	8,445	76	·00900	29·68
35	19,198	293	175	8,369	78	·00932	28·94
36	20,106	283	188	8,291	81	·00977	28·21
37	20,790	326	226	8,210	85	·01035	27·48
38	21,246	304	226	8,125	89	·01095	26·76
39	21,548	329	241	8,036	93	·01157	26·05
40	21,734	317	271	7,943	96	·01209	25·35
41	21,737	280	245	7,847	98	·01249	24·65
42	21,631	312	261	7,749	100	·01290	23·96
43	21,355	316	304	7,649	103	·01347	23·27
44	20,838	257	316	7,546	106	·01405	22·58
45	20,374	288	300	7,440	110	·01478	21·89
46	19,809	260	312	7,330	114	·01555	21·21
47	19,086	244	335	7,216	119	·01649	20·54
48	18,335	267	307	7,097	124	·01747	19·88
49	17,454	236	315	6,973	128	·01836	19·22
50	16,544	229	309	6,845	131	·01914	18·57
51	15,676	230	277	6,714	135	·02011	17·92
52	14,763	196	319	6,579	139	·02113	17·28
53	13,782	199	305	6,440	144	·02237	16·64
54	12,820	177	316	6,296	149	·02366	16·01
55	11,945	191	311	6,147	155	·02521	15·39
56	11,038	183	304	5,992	162	·02703	14·77
57	10,151	162	299	5,830	168	·02882	14·17
58	9,285	166	274	5,662	175	·03091	13·58
59	8,505	140	299	5,487	183	·03336	13·00
60	7,713	121	261	5,304	192	·03621	12·43
61	7,024	112	285	5,112	202	·03942	11·87
62	6,353	142	260	4,910	211	·04297	11·34
63	5,709	122	267	4,699	218	·04638	10·83
64	5,098	117	260	4,481	223	·04978	10·33
65	4,524	92	232	4,258	226	·05308	9·85
66	4,016	102	233	4,032	228	·05656	9·37
67	3,517	87	245	3,804	231	·06072	8·90
68	3,039	91	201	3,573	235	·06579	8·44

I. *Table of Mortality (Male Lives), &c., continued.*

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Age.	Living at the beginning of the year.	In the course of the year.		Table of Mortality deduced therefrom.			
		With-drawn.	Died.	Living.	Died.	Probability of dying in a year.	Expectation of Life.
69	2,640	80	163	3,338	238	·07128	8·00
70	2,288	78	170	3,100	241	·07776	7·58
71	1,944	70	187	2,859	242	·08467	7·17
72	1,625	62	161	2,617	243	·09320	6·79
73	1,343	48	145	2,374	242	·10194	6·44
74	1,100	46	120	2,132	237	·11111	6·11
75	877	41	82	1,895	228	·12034	5·81
76	711	41	88	1,667	210	·12594	5·54
77	563	29	61	1,457	188	·12903	5·26
78	450	21	48	1,269	166	·13089	4·97
79	358	20	60	1,103	149	·13514	4·64
80	265	21	39	954	137	·14368	4·29
81	195	12	33	817	128	·15674	3·93
82	145	4	37	689	121	·17575	3·57
83	100	5	21	568	114	·20080	3·22
84	70	9	11	454	104	·22936	2·90
85	49	7	10	350	89	·25445	2·62
86	31	2	10	261	74	·28329	2·34
87	19	1	5	187	60	·32051	2·07
88	12	..	2	127	47	·37037	1·81
89	8	1	2	80	34	·42553	1·58
90	4	1	..	46	22	·47847	1·37
91	3	1	1	24	13	·54054	1·16
92	1	..	..	11	7	·63694	·95
93	1	..	..	4	3	·75000	·75
94	..	..	..	1	1	1·00000	·50

II. *Table of Mortality (Female Lives) according to the Experience of the Prussian Widows' Annuity Society for 69 Years, from 1776 to 1845.*

Age.	Living at the beginning of the year.	In the course of the year.		Table of Mortality deduced therefrom.			
		With-drawn.	Died.	Living.	Died.	Probability of dying in a year.	Expectation of Life.
16	121	..	1	10,000	162	·01620	40·56
17	430	4	9	9,838	156	·01586	40·22
18	1,139	13	20	9,682	149	·01539	39·86
19	2,411	9	37	9,533	141	·01476	39·47
20	4,061	11	57	9,392	132	·01405	39·06
21	6,074	25	82	9,260	124	·01339	38·61
22	8,266	40	96	9,136	117	·01281	38·12
23	10,503	43	129	9,019	111	·01231	37·61
24	12,792	46	162	8,908	106	·01190	37·08
25	14,901	67	177	8,802	102	·01159	36·52
26	16,913	70	218	8,700	100	·01149	35·94
27	18,584	52	199	8,600	99	·01151	35·35
28	20,090	64	228	8,501	99	·01165	34·76
29	21,299	76	253	8,402	98	·01166	34·16
30	22,245	77	247	8,304	97	·01168	33·56
31	22,956	66	277	8,207	97	·01182	32·95
32	23,411	69	259	8,110	96	·01184	32·34
33	23,803	65	295	8,014	96	·01198	31·72
34	23,919	65	280	7,918	95	·01200	31·10
35	23,926	54	296	7,823	94	·01202	30·47
36	23,817	51	284	7,729	93	·01203	29·83
37	23,577	64	304	7,636	93	·01218	29·19

32 II. *Table of Mortality (Female Lives), &c., continued.*

Age.	Living at the beginning of the year.	In the course of the year.		Table of Mortality deduced therefrom.			
		With-drawn.	Died.	Living.	Died.	Probability of dying in a year.	Expectation of Life.
38	23,191	47	301	7,543	92	·01220	28·54
39	22,757	48	259	7,451	90	·01208	27·89
40	22,167	36	251	7,361	88	·01195	27·22
41	21,422	49	266	7,273	86	·01182	26·55
42	20,586	44	237	7,187	85	·01183	25·86
43	19,609	41	211	7,102	84	·01183	25·16
44	18,673	40	217	7,018	84	·01197	24·46
45	17,706	33	237	6,934	85	·01226	23·75
46	16,744	19	231	6,849	87	·01270	23·03
47	15,795	22	199	6,762	88	·01301	22·32
48	14,925	28	213	6,674	90	·01348	21·61
49	13,961	20	162	6,584	92	·01397	20·90
50	13,252	8	205	6,492	95	·01463	20·19
51	12,547	18	168	6,397	98	·01534	19·48
52	11,879	10	225	6,299	102	·01619	18·78
53	11,106	23	195	6,197	107	·01727	18·08
54	10,416	8	195	6,090	114	·01872	17·39
55	9,794	3	191	5,976	123	·02058	16·71
56	9,229	12	208	5,853	131	·02238	16·05
57	8,617	6	205	5,722	139	·02429	15·41
58	8,034	8	221	5,583	146	·02615	14·78
59	7,505	6	210	5,437	151	·02777	14·16
60	6,989	2	197	5,286	156	·02952	13·55
61	6,516	3	210	5,130	161	·03139	12·95
62	6,046	2	220	4,969	167	·03361	12·35
63	5,578	2	195	4,802	175	·03644	11·76
64	5,155	2	206	4,627	185	·03998	11·19
65	4,725	2	198	4,442	196	·04413	10·64
66	4,358	3	216	4,246	208	·04900	10·10
67	3,956	3	224	4,038	219	·05423	9·60
68	3,573	1	211	3,819	228	·05970	9·12
69	3,212	3	194	3,591	235	·06545	8·67
70	2,890	2	214	3,356	239	·07123	8·24
71	2,540	..	196	3,117	240	·07698	7·83
72	2,252	..	193	2,877	240	·08340	7·45
73	1,950	..	177	2,637	239	·09066	7·08
74	1,696	..	162	2,398	235	·09804	6·73
75	1,456	1	153	2,163	228	·10537	6·41
76	1,238	1	150	1,935	217	·11223	6·11
77	1,024	..	120	1,718	202	·11765	5·82
78	853	..	103	1,516	186	·12270	5·52
79	692	..	93	1,330	171	·12853	5·22
80	569	..	71	1,159	159	·13717	4·92
81	462	..	73	1,000	151	·15100	4·63
82	366	..	68	849	143	·16835	4·36
83	273	..	50	706	131	·18553	4·14
84	216	..	38	575	114	·19841	3·97
85	173	..	36	461	95	·20619	3·83
86	133	..	29	366	77	·21053	3·70
87	88	..	17	289	61	·21097	3·55
88	68	..	17	228	48	·21277	3·36
89	49	..	9	180	39	·21645	3·13
90	34	..	8	141	33	·23419	2·85
91	25	..	9	108	28	·25907	2·57
92	14	..	5	80	23	·28736	2·30
93	9	..	2	57	19	·33333	2·03
94	7	..	2	38	14	·36765	1·78
95	5	..	1	24	10	·41667	1·54
96	4	..	2	14	7	·50000	1·30
97	2	..	1	7	4	·57143	1·07
98	1	..	..	3	2	·66666	·83
99	1	..	1	1	1	1·00000	·50